

Steven Au

U.S Citizen

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Natural Language Processing Engineer Intern

Proficient in data analysis, linguistic model development, and algorithm optimization for human language understanding. Specialized in Artificial Intelligent solutions using extensive libraries emphasizing conversational agents for mental health and accessibility.

TECHNICAL SKILLS

Neural Network | Data Analysis | Preprocessing | Data Visualization | Predictive Modeling

Programming Languages: Java, C/C++, Python, HTML, CSS, MATLAB

Libraries & Frameworks: TensorFlow, PyTorch, Scikitlearn, Pandas, NLTK, SpaCy, Keras, Trax

Software & Tools: Anaconda, Jupyter, Github, Git, Unix, Figma, Adobe Illustrator, Photoshop, Indesign

SOFT SKILLS

Leadership & Institution Building | Diversity, Inclusion, & Belonging | Conflict Resolution & Communication | Time management | Emotional Intelligence

Languages: English - Fluent, Cantonese - Conversational

PROFESSIONAL DEVELOPMENT

Natural Language Processing Specialization - deeplearning.ai | Jul 2023

Machine Learning Specialization - deeplearning.ai, Stanford | Sept 2023

EDUCATION

University of California, Santa Cruz

Master of Science - Natural Language Processing | Dec 2024

Courses: Natural Language Processing, Data Science and Machine Learning, Deep Learning

Project: Discourse and Argumentation - SemEval 2024

- Multimodal Emotion Cause Analysis in Conversations
- Using BERT embedding for emotion recognition with sentiment flips

Bachelor of Science - Computer Science | Mar 2023

Courses: Abstract Data Types, Algorithm Design, Comparative Programming Language, Web Applications, Computational Methods and Applications, Principle Computer System Design

Award: 2nd Place in Innovation - UCSC Hackathon 2017

- Led 5 student team and developed an Android app for a commercial EEG headset using a dev toolkit to track brain waves in a wellness journal

EXPERIENCE

Warehouse Supervisor - Blix Electric Bike, Santa Cruz | Summer 2022

- Trained and oversaw 10+ workers in repairing \$100,000 of electric bikes in quality control
- Assessed and communicated with manufacturer representative to resolve product damages

Chancellor's Undergraduate Internship Program - Digital Scholarship Commons, UCSC | 16 - 17

- Communicated with faculty peers on leadership strategies and social awareness for UC resources
- Created data visualization of digital humanities collection of 100+ entries for McHenry Library